

# Vista S5

## Fixed Installations

**Brightness**  
 ► 5000 ANSI lumens  
 ► 90% brightness uniformity across the screen

**Contrast Ratio (1.5-2.2:1 zoom lens)**  
 ► 350:1 ANSI, 400:1 full field

**Resolution/Digital Processing**  
 ► 3 chip 0.9" DMD™, (Digital Micromirror Device) system  
 ► True SXGA 1280x1024 chip resolution  
 ► 13 bit user selectable gamma table  
 ► More than 1 billion displayable colors

**Dynamic Scaling**  
 ► Resizing capabilities to scale down from 1600x1200 and up from 640x480 to the SXGA resolution of DMD  
 ► Independent horizontal and vertical scaling adjustment for graphics and video inputs

**Horizontal Frequency Range**  
 ► 15 to 120 kHz

**Vertical Frequency Range**  
 ► 24 to 120 Hz

**Field Interchangeable Optional Lenses**

- Fixed short throw lens: 1.2:1
- Zoom lenses: 1.5-2.2:1, 2.2-4:1, and 4-7:1
- Up to 130% of vertical lens offset for off-axis projection
- Up to 80% of horizontal lens offset
- Compatibility with VistaGRAPHX lenses: 0.8:1, 2.5-4:1, 4-7:1 (adapter required)
- Screen size 1.8m - 12.2m (6ft - 40ft) diagonal

**Lens Mount**  
 ► Manual horizontal and vertical lens offset, focus and zoom adjustments  
 ► Lens "bayonet-style" insertion system  
 ► Lens mount tilt adjustment  
 ► Built-in light shutter

**Inputs**  
 ► Built-in RGB/YUV/YPbPr inputs allowing separate H and V syncs, composite sync and sync-on-green/luma (5 BNC connectors)  
 ► Multi-standard Video Decoder Module (NTSC 3.58, NTSC 4.43, PAL, PAL 60, PAL M, PAL N, SECAM) with one composite video input (BNC and RCA connectors) and one S-video input (two BNC and 4-pin mini-DIN connectors)

► Built-in Audio Control Module with 4 stereo audio inputs and 1 stereo output (RCA connectors)  
 ► Slot for an optional input module  
 ► Full compatibility with Marquee Signal Switcher and third-party switchers

**HDTV/DTV Compatibility**

- Full HDTV/DTV compatibility on analogue RGB/YPbPr inputs
- Accepts 480i, 480p, 576i, 576p, 720p, 1035i, and 1080i formats at all applicable frame/field rates
- Accepts 1080p at 24, 25 and 30 Hz frame rates
- Optional HDTV Serial Digital Input Module

**Various Keypads**  
 ► Standard hand-held IR backlit remote keypad, front and rear infrared sensors  
 ► Built-in backlit keypad  
 ► Optional RS422 two-way remote controller with LCD display using 6 pin XLR connector with range of 600ft (183m)  
 ► Optional wired backlit remote keypad with 3 pin XLR connector

**Control / Networking**  
 ► Third party control system and switcher compatibility  
 ► Dual RS232 ports for computer control, with loop through for connection of multiple projectors  
 ► Dual 6 pin XLR RS422 ports for connection of optional LCD two-way controllers and loop-through to multiple projectors up to 600ft (183m)

**Diagnostics**  
 ► Built-in LCD diagnostic display indicates operational status and error messages  
 ► Power and Status LED  
 ► Full diagnostics through RS232 9 pin D connector

**Graphical User Interface**

- Auto Set-up feature
- "Direct Access" intuitive user interface for complete projector control in 5 world languages
- On screen user movable menus to fit different image aspect ratios (4:3, 5:4, 16:9, etc.)
- On screen help menus
- 100 channel memories
- Auto power feature

**Lamp Specification/Color Temperature**  
 ► 1200W CERMAX® Xenon illumination system  
 ► Pre-aligned lamp module  
 ► Constant color temperature over the lamp life  
 ► Color temperature adjustment range: 3200°K to 9300°K  
 ► User replaceable lamp within 5 minutes  
 ► Typical lifetime: 1,000 hours

**Variable Lamp Power Supply/Light Output Control (LiteLOC™)**  
 ► "Auto Brightness" mode to maintain constant brightness over time  
 ► "Lamp Conserve" mode to extend the lamp life  
 ► "Max Brightness" mode for maximum light output

**Power Requirements**  
 ► Line voltage 220V AC to 240 VAC +/- 10% @ 50/60 Hz  
 ► Power consumption: 1700 W maximum  
 ► Thermal dissipation: 5840 BTU/hr  
 ► Operating current: 8.5A maximum

**Optional Accessories**  
 ► Serial Digital Input (SMPTE 259M/CCIR 601) with loop through feature  
 ► Digital HDTV Input module (with loop through feature) compatible with all known HDTV formats  
 ► DVI/DFP Input module  
 ► 10 bit ADP (Advanced Digital Processing) module  
 ► Wired remote keypad  
 ► Motorized lens mount upgrade  
 ► Compatible with all Marquee Input modules  
 ► RS422 Two-way remote LCD controller  
 ► Replacement lamp module

► Remote infrared sensor  
 ► Service Manual  
 ► Librarian communication software  
 ► Transit case



**Regulatory Approvals**  
 ► CSA, UL and European safety approvals  
 ► North American and European EMI/EMC approvals

**Warranty**  
 ► One year parts and labor  
 ► Accessories: One year

Due to constant research, specifications are subject to change without notice

**CHRISTIE**  
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# Vista S5

## Fixed Installations

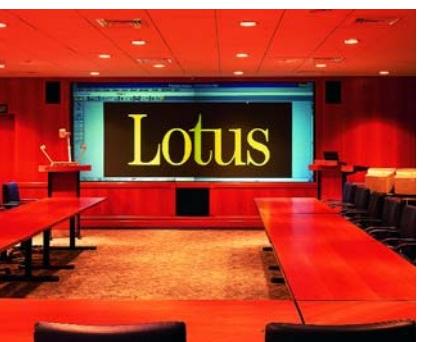


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## When image is everything...



BMW - Germany



Lotus Boardroom - UK



Insignia - UK

The Vista S5 is the embodiment of Christie Digital's unrivalled image technology and the most advanced optical systems available today. The Vista S5 promotes the highest-level of image performance and is the flagship of the Christie Digital System's Vista range.

The Vista S5 is driven by a refined 1200W Xenon CERMAX illumination system, capable of delivering 5000 ANSI lumens to produce intense and well-defined images. The latest Digital Light Processing technology, a 3-chip DMD set with true SXGA resolution, combines with the illumination system to stunning effect.

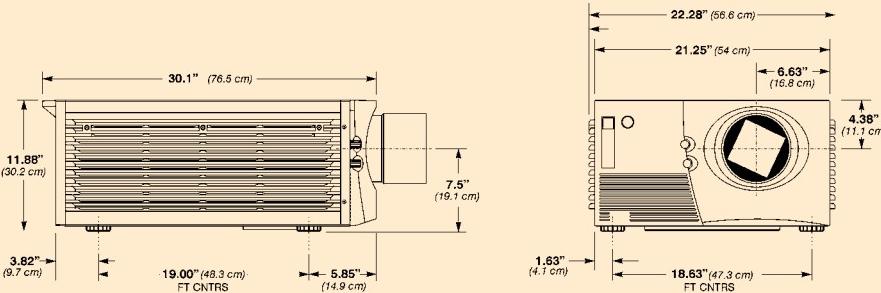
The culmination of more than 20 years experience designing and manufacturing visual display solutions for fixed installations, has led Christie Digital Systems to design a solution that encapsulates all the requirements of a projection system to meet today's presentation demands.

The S5 provides pixel format input capability with independent horizontal and vertical scaling and is supported by a comprehensive suite of fixed short-throw and zoom lenses, enabling you to place the image perfectly on the screen.

Users of Vista projection systems also enjoy class-leading connectivity and compatibility, accommodating the widest array of analogue and digital sources. This provides the presenter with the opportunity to utilise a variety of different media and guarantees a memorable presentation.

The S5 is compact and lightweight, just 88lbs for such a powerful and sophisticated system. Yet operating the system is simple, on-screen display menus and an intuitive "Direct Access" offer you full control of the image you project and on-screen help menus are on hand should you need it. With up to 100 channel memories and automatic power-up and set-up features you really can begin your presentation with just the touch of a button.

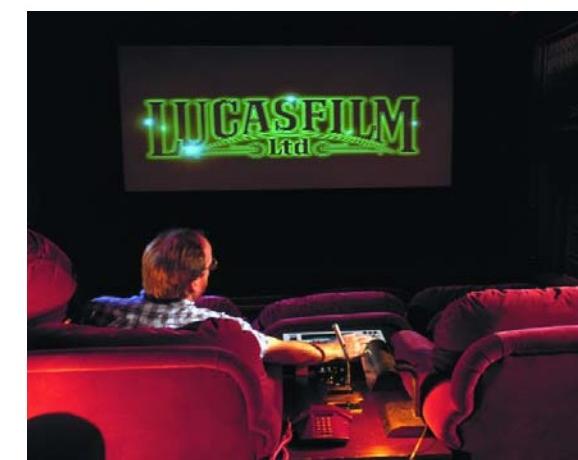
The Vista S5, perfect performance, flexible and failsafe because image is everything.



Rear view of Vista S5 showing LCD display panel and inset keypad



ITN Evening News - UK



Lucasfilm - USA



Ideal - UK

- ▶ 5000 ANSI lumens
- ▶ True SXGA resolution
- ▶ Pixel clock 160 MHz
- ▶ Vertical & Horizontal scaling
- ▶ Variety of interface modules
- ▶ Modular architecture
- ▶ Superior lamp efficiency
- ▶ LiteLOC™ Light output control
- ▶ Compact design
- ▶ 3:2 pull down (inverse telecine digital processing)
- ▶ 6' to 40' diagonal image size
- ▶ Intuitive graphical user interface
- ▶ Superior image quality
- ▶ Xenon illumination system



A TEXAS INSTRUMENTS TECHNOLOGY